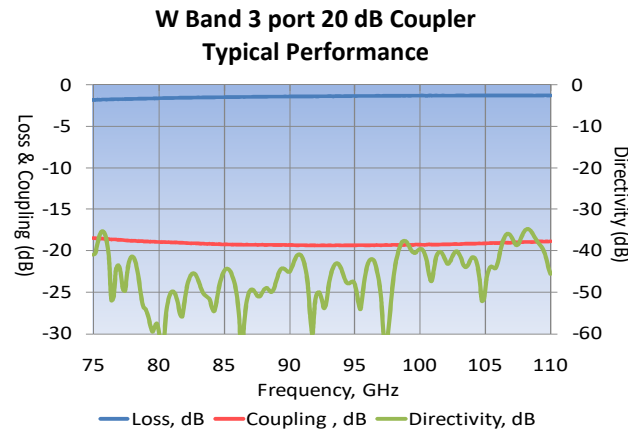


Waveguide Couplers - Full Band

General Features

- Frequency coverage: 50 – 500 GHz
- Full waveguide bands
- Low insertion loss
- 3-port or 4-port models
- Fully Calibrated



Specifications

Model	Frequency (GHz)	Insertion Loss, typ (dB)	Directivity (dB); Minimum	Coupling (dB)	Waveguide
THZWGC-15-XX	50 – 75	0.75	35		WR 15, UG 385/U
THZWGC-10-XX	75 – 110	0.9	35		WR 10, UG 387/U-M
THZWGC-08-XX	90 – 140	1.1	30	3 to 40 ⁻¹	WR 08, UG 387/U-M
THZWGC-06-XX	110 – 170	1.2	25		WR 06, UG387/U-M
THZWGC-05-XX	140 - 220	1.5	25		WR 05, UG387/U-M
THZWGC-04-XX	170 – 260	1.7	25		WR 04, UG387/U-M
THZWGC-03-XX	220 – 325	2.2	25		WR 03, UG387/U-M
THZWGC-2.2-XX	325 - 500	3.5	30 typical		WR 2.2, UG 387/U-M

Notes

1. Coupling values available (-XX) depend on frequency band selected. Specify required value eg. **THZWGC-10-20** is a **3 port 20 dB coupler for WR10 band**
2. Dual couplers with internal terminations are available upon request in certain frequency ranges
3. **How to make a request:** select one of the Models above, or provide specifications and email to: sales@vivatechthz.com